

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A tangible-non-transitory portable recording medium on which information is digitally recorded to be read and processed by a processor-based apparatus, ~~said portable recording medium being removable from said processor-based apparatus without powering off said processor-based apparatus~~, said digitally recorded information comprising:

reproducible information comprising at least one of encoded compressed video information and encoded compressed audio information, which is related to a program to be broadcasted, the reproducible information being recorded on the portable recording medium in such manner as to be capable of being decoded, decompressed, and reproduced by the processor-based apparatus;

a reservation set command recorded on the portable recording medium in relationship with the reproducible information in such manner as to be capable of being executed by the processor-based apparatus, while the reproducible information is being reproduced or in response thereto, to set a reservation of video recording and/or audio recording of the program; and

program attribute information including at least a broadcast start time of the program, which is recorded on the portable recording medium in relationship with the reproducible information and the reservation set command in such manner as to be capable of being used by the processor-based apparatus to set the reservation,

wherein said portable recording medium is removable from said processor-based apparatus without powering off said processor-based apparatus.

2. (Previously Presented) The portable recording medium according to Claim 1, the digitally recorded information further comprising video information digitally recorded on the portable medium in such manner as to be capable of being used by the processor-based apparatus during reservation setting to select whether a reservation of video recording and/or audio recording of the program is set or not;

wherein when a selection is made to set a reservation of video recording and/or audio recording of the program, the reservation set command functions as a command for setting the reservation of video recording and/or audio recording of the program.

3. (Original) The portable recording medium according to Claim 1, wherein the reservation set command and the program attribute information are contained in reproduction control information of a video unit; the reproduction control information being placed at a leading end of each video unit; the video unit comprising an I-picture, data of which is compressed within a frame, a P-picture, data of which is compressed with motion compensation of the I-picture preceding in time, and a B-picture, data of which is compressed with motion compensation of the I-picture or P-picture preceding or following in time.

4. (Previously Presented) The portable recording medium according to Claim 1, the digitally recorded information further comprising an identification number for identifying the program attribute information;

wherein the reservation set command and the identification number are contained in reproduction control information of a video unit; the reproduction control information being placed at a leading end of each video unit; the video unit comprising an I-picture, data of which is compressed within a frame, a P-picture, data of which is compressed with motion compensation of the I-picture preceding in time, and a B-picture, data of which is compressed with motion compensation of the I-picture or P-picture preceding or following in time.

5. (Original) The portable recording medium according to Claim 1, wherein the reservation set command and the program attribute information are contained in a command table in a management area placed in a lump in the portable recording medium, the command table being referenced after the program ends.

6. (Previously Presented) The portable recording medium according to Claim 1, the digitally recorded information further comprising an identification number for identifying the program attribute information;

wherein the reservation set command and the program attribute information are contained in a command table in a management area placed in a lump in the portable recording medium, the command table being referenced after the program ends.

7. (Previously Presented) The portable recording medium according to Claim 1, the digitally recorded information further comprising an identifier indicating whether the portable recording medium holds the reservation set command and the program attribute information or not.

8. (Previously Presented) The portable recording medium according to Claim 1, wherein the portable recording medium comprises a reproduction-only area and a recordable area;

the reproduction-only area holding the reproducible information, the reservation set command, and the program attribute information;

the recordable area being an area, in which video recording and/or audio recording of the program can be made.

9. (Original) The portable recording medium according to Claim 8, wherein the portable recording medium is a single-sided dual-layer recording medium comprising a first recording layer and a second recording layer;

the first recording layer comprising the reproduction-only area;

the second recording layer comprising the recordable area.

10. (Currently Amended) A video recording and ~~[[/]]~~reproducing apparatus for reproducing data from ~~the~~ reproducible information recorded on ~~the~~ a non-transitory portable recording medium, ~~of Claim 1;~~ the video recording/reproducing apparatus comprising:

at least one processor configured to:

obtain ~~the~~ a reservation set command of the portable recording medium; and

obtain program attribute information in accordance with the reservation set command, and set a reservation of video recording and/or audio recording in accordance with the program attribute information,

wherein the portable recording medium is removable from the apparatus without powering off the apparatus, and

wherein on the portable recording medium is digitally recorded information to be read and processed by the apparatus comprising:

the reproducible information, which comprises at least one of encoded compressed video information and encoded compressed audio information, which is related to a program to be broadcasted, the reproducible information being recorded on the portable recording medium in such manner as to be capable of being decoded, decompressed, and reproduced by the apparatus;

the reservation set command, which is recorded on the portable recording medium in relationship with the reproducible information in such manner as to be capable of being executed by the apparatus, while the reproducible information is being reproduced or in response thereto, to set the reservation of video recording and/or audio recording of the program; and

the program attribute information, which includes at least a broadcast start time of the program, and which is recorded on the portable recording medium in relationship with the reproducible information and the reservation set command in such manner as to be capable of being used by the apparatus to set the reservation.

11. (Currently Amended) A video recording and [[/]]reproducing apparatus for reproducing data from the reproducible information recorded on the portable recording medium of Claim 5, the video recording/reproducing apparatus comprising:

at least one processor configured to:

obtain the reservation set command, with reference to a command table after the program ends; and

set a reservation of video recording and/or audio recording on the basis of the program attribute information in accordance with the reservation set command when a selection is made to set a reservation of video recording and/or audio recording of the program.

12. (Currently Amended) A video recording and [[/]]reproducing apparatus for reproducing data from the reproducible information recorded on the portable recording medium of Claim 4, the video recording/reproducing apparatus comprising:

at least one processor configured to:

obtain the reservation set command of the portable recording medium; and

obtain program attribute information corresponding to the identification number in accordance with the reservation set command, and set a reservation of video recording and/or audio recording on the basis of the program attribute information.

13. (Currently Amended) A video recording and [/]]reproducing apparatus for reproducing data from the reproducible information recorded on the portable recording medium of Claim 7, the video recording/reproducing apparatus comprising:

at least one processor configured to:

determine whether a reservation of video recording and/or audio recording in accordance with the reservation set command is set or not, on the basis of an identifier held in the portable recording medium;

obtain the reservation set command of the portable recording medium in accordance with a result of the determination of whether the reservation is set or not; and

obtain the program attribute information in accordance with the reservation set command, and set a reservation of video recording and/or audio recording on the basis of the program attribute information.

14. (Currently Amended) A video recording and [/]]reproducing apparatus for reproducing data from the reproducible information recorded on the portable recording medium of Claim 8, the video recording/reproducing apparatus comprising:

at least one processor configured to:

obtain the reservation set command of the portable recording medium; and

obtain the program attribute information in accordance with the reservation set command, and set a reservation of video recording and/or audio recording in a recordable area on the basis of the program attribute information.

15. (Previously Presented) A video reproducing apparatus for reproducing data from the reproducible information recorded on the portable recording medium of Claim 1, the video reproducing apparatus comprising:

at least one processor configured to:

obtain the reservation set command of the portable recording medium;
obtain the program attribute information in accordance with the reservation set command; and
cause the program attribute information to be transmitted from the video reproducing apparatus.

16. (Previously Presented) A video recording apparatus comprising:

at least one processor configured to:

receive the program attribute information transmitted from the video reproducing apparatus of Claim 15;

set a reservation of video recoding and/or audio recording on the basis of the received program attribute information; and

record the program in accordance with the reservation of video recording and/or audio recording, which has been set.

17. (Previously Presented) A video recording/reproducing apparatus for reproducing data from the reproducible data recorded on the portable recording medium of Claim 1, the video recording/reproducing apparatus comprising:

at least one processor configured to:

reproduce data from the portable recording medium;

obtain the reservation set command of the portable recording medium;

obtain the program attribute information in accordance with the reservation set command, and set a reservation of video recording and/or audio recording on the basis of the program attribute information; and

record the program in accordance with the reservation of video recording and/or audio recording, which has been set.

18. (Currently Amended) A method in a processor-based apparatus of reading and processing data from the information digitally recorded on the a non-transitory portable recording medium, of Claim 1, the method comprising the steps of:

reading at least part of the reproducible information stored on the portable recording medium related to the program, and reproducing data from the read reproducible information;
obtaining the reservation set command of the portable recording medium; and
obtaining the program attribute information in accordance with the reservation set command and setting a reservation of video recording and/or audio recording on the basis of the program attribute information,

wherein the portable recording medium is removable from the processor-based apparatus without powering off the processor-based apparatus, and

wherein the information digitally recorded on the portable recording medium comprises:
the reproducible information, which comprises at least one of encoded
compressed video information and encoded compressed audio information, which is related to a
program to be broadcasted, the reproducible information being recorded on the portable
recording medium in such manner as to be capable of being decoded, decompressed, and
reproduced by the processor-based apparatus;

the reservation set command, which is recorded on the portable recording medium
in relationship with the reproducible information in such manner as to be capable of being
executed by the processor-based apparatus, while the reproducible information is being
reproduced or in response thereto, to set the reservation of video recording and/or audio
recording of the program; and

the program attribute information, which includes at least a broadcast start time of
the program, and which is recorded on the portable recording medium in relationship with the
reproducible information and the reservation set command in such manner as to be capable of
being used by the processor-based apparatus to set the reservation.

19. (Previously Presented) A method of reading and processing data from the information digitally recorded on the portable recording medium of Claim 1, the method comprising the steps of:

reading at least part of the reproducible information stored on the portable recording medium related to the program, and reproducing data from the read reproducible information;
obtaining the reservation set command of the portable recording medium;

obtaining the program attribute information in accordance with the reservation set command; and
sending the program attribute information.

20. (Previously Presented) A video recording method comprising the steps of:

receiving the program attribute information sent in accordance with Claim 19;
setting a reservation of video recording and/or audio recording in accordance with the program attribute information, which has been received; and
recording the program in accordance with the reservation of video recording and/or audio recording, which has been set.

21. (Previously Presented) The portable recording medium according to claim 1, wherein the digitally recorded information further comprises button display video information, which includes information related to the reservation, digitally recorded on the portable medium in such manner as to be capable of being used by the processor-based apparatus for displaying at least one button overlaid on a displayed image which is related to the program to be broadcasted.